Level One Tools are used to create a repository for course content and material. They provide central locations that provide links to other resources and tools. Examples: Portal, Moodle, Squarespace. (Sometimes a blog or a wiki can serve in this capacity.)

**Level One Tools**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Blogs | Wikis | Nings (social network) | Collaborative Docs | Social Bookmarks | RSS+Reader |
| Space for publishing content to an audience. Content can be writing or can be embedded slideshows, videos, polls, timelines. Linear in nature. Viewable by all once post is published.  Elements – Post, Comments, Sidebar widgets  Specific Tools –  MICDS Blogs  [Blogger](http://blogger.com) | Space for creating content collaboratively.  Non linear format.  Great for teaching collaboration. History provides accountability. Typically viewable by all, editable by those who join the wiki.  Elements – Page, Discussion, History, and Notifications  Specific Tools – [Wikispaces](http://wikispaces.com), [PBwiki](http://pbworks.com), WetPaint,MicdsWiki, | Social Network Space that combines a number of tools into one workspace- blogs, discussion board, images, videos, music.  Elements – Variety of channels including RSS, blogs, discussion, recent activity, events | Office through a web browser with documents accessible from any computer and able to be shared for collaboration.  Elements – Documents, Spreadsheets, PowerPoint Presentations, and Forms  Alternatives to [GoogleDocs](http://docs.google.com) –Zoho Docs | Shared bookmarks stored in a web-based account and accessible from any computer. [Delicious](http://delicious.com) and Diigo are the most popular. [Diigo](http://diigo.com) adds annotation and group capabilities. | [Google Reader](http://reader.google.com) is part of your google account. You can subscribe to blogs and sites that you can learn from. You can also subscribe to places that students are using to submit work (blogs, wikis, nings, bookmarks) to help you follow their progress. |

Level Two tools are general use tools that can anchor many projects and work flows. They support collaboration and sharing.

**Level Two Tools**

|  |  |  |
| --- | --- | --- |
| Portal | Moodle | Squarespace |
| WhippleHill Portal is the main point of contact for internet materials for MICDS. Everything should like from your Portal Page. Homework should always be entered into portal assignments. | [Moodle](http://moodle.micds.org) is a content management tool. It is designed to hold all the resources and links for a course and to have interactive elements like drop boxes, assessment tools, | [Squarespace](http://squarespace.com) allows users to build a webpage with advanced webpage with some interactive features like drop boxes. |

Single Use/Function Tools that are often embeddable into Level One and Two tools. If its on this list, someone on campus uses it.

|  |  |
| --- | --- |
| Presentation | Creativity |
| [Prezi](http://prezi.com)  [Empressr](http://www.empressr.com/)  [SlideRocket](http://www.sliderocket.com) $  [280Slides](http://280slides.com/) | [Glogster](http://glogster.com/edu) –electronic posters with multimedia  [Voicethread](http://voicethread.com)  [Scrapblog](http://scrapblog.com) |
| Embedding Docs/Files | Sound |
| [Scribd](http://scribd.com) – Embeddable,, scrollable docs and pdfs  [Slideshare](http://slideshare.net) – upload and embed PPTs  [AuthorStream](http://authorstream.com) – slideshare alternative  [Issuu](file:///C:\Documents%20and%20Settings\ehelfant\Desktop\Stuff09-10\Issuu.com) – online magazines from PDFs | [Maya](http://aviary.com/) – garageband in a browser  [Voxopop](http://www.voxopop.com/) – Voice Board  [Vocaroo-](http://vocaroo.com/) audio recorder |
| Timelines | Mindmapping |
| [Xtimeline](http://xtimeline.com/)  [Capzules](http://capzles.com/)  [Dipity](http://dipity.com) | Mindomo  Bubbl.us  xMind |
| Book Publishing | Animation |
| [Mixbook](http://mixbook.com)  [Lulu](http://lulu.com)  [StoryBird](http://storybird.com)  [Tikatok](http://tikatok.com) | [Animoto](http://animoto.com/) –music video from images  [Xtranormal](http://www.xtranormal.com/) – text to movie  [Kerpoof](http://www.kerpoof.com/)  [GoAnimate](http://goanimate.com/) –cartoon animate |
| Video | Image Editing |
| Kaltura  Youtube  Blip.tv  TeacherTube or SchoolTube | [SumoPaint](http://www.sumopaint.com/home/)  Picnik |
| Vocabulary | Flashcards |
| [Wordnic](http://wordnic.net)  [Vocab Sushi](http://www.vocabsushi.com/) | [Quizlet](http://quizlet.com) |
| Maps | Screencast |
| Google Maps | [Jing](http://jingproject.com)  Wink  CamStudio  [ScreenToaster](http://www.screentoaster.com/) |
| Images | Visualization Tools/Data Analysis/Graphing Tools |
| Vuvox | [ManyEyes](http://manyeyes.alphaworks.ibm.com/manyeyes/)  [Wordle](http://wordle.net) |
| Annotation | Fun |
| [Overstream](http://www.overstream.net/) – video annotations  [SharedCopy](http://sharedcopy.com/)  [Awesome Highlighter](http://www.awesomehighlighter.com/) | Voki |
| Charts and Diagrams | Math |
| [Creately](http://creately.com/) | [Wolfram Alpha](http://www.wolframalpha.com/) |
|  |  |
|  |  |

**Level Three Tools**

Tools for assessment

**Assessment Tools**

|  |  |  |  |
| --- | --- | --- | --- |
| Summative | Formative | Diagnostic | [Authentic](http://jonathan.mueller.faculty.noctrl.edu/toolbox/whatisit.htm#definitions) |
| Summative assessment is cumulative in nature and is utilized to determine whether students have met the goals or learning outcomes at the end of a unit or a course.  [WebAssign](http://webassign.net)S  QuiaS  Moodle Quizzes  [Learnosity](http://learnosity.com)$ | Formative assessment provides ongoing direction for improvement and/or adjustment in learning and instruction. It is non-graded and considered low-stakes. An important element of formative assessment is feedback. Feedback makes the biggest impact when it occurs during the learning process. ([link](http://www.justsciencenow.com/assessment/index.htm))  Many Web 2.0 Tools can be used for Formative Assessment  DyKnow  Learnosity  Wimba | Diagnostic assessments (also known as pre-assessments) provide instructors with information about student's prior knowledge and misconceptions before beginning a learning activity  Blog Prompts  Google Forms  Learnosity  WebAssign  Moodle Forums/Quizzes | "...Engaging and worthy problems or questions of importance, in which students must use knowledge to fashion performances effectively and creatively. The tasks are either replicas of or analogous to the kinds of problems faced by adult citizens and consumers or professionals in the field." -- Grant Wiggins -- ([Wiggins, 1993, p. 229](http://jonathan.mueller.faculty.noctrl.edu/toolbox/references.htm#wiggins1993)). |
| Portfolio | [Peer](http://www.nclrc.org/essentials/assessing/peereval.htm) | Self | [Performance](http://www2.ed.gov/pubs/OR/ConsumerGuides/perfasse.html) |
| A portfolio is not a random collection of observations or student products; it is systematic in that the observations that are noted and the student products that are included relate to major instructional goals. Portfolios can be thought of as a form of "embedded assessment"; that is, the assessment tasks are a part of instruction  Chalk and Wire$  Google Sites | [Expertiza](http://expertiza.ncsu.edu/)  [ClassSpot](http://www.tidebreak.com/products/classspot) (Art)$ | Blogs and Portfolios | Performance assessment, also known as alternative or authentic assessment, is a form of testing that requires students to perform a task. Performance tasks should be "worth teaching to"; that is, the tasks need to present interesting possibilities for applying an array of curriculum-related knowledge and skills. The best performance tasks are inherently instructional, actively engaging students in worthwhile learning activities. |

Note: Most Tools could be placed in multiple places on the assessment grid.

**Software Tools**

**Student Work Flows /Classroom support tools**

OneNote – Student Notetaking tool

Dyknow - Interactive content delivery and assessment tool

Wimba – Virtual Classroom and Language Learning Toolkit

Interact – Homework Hand in

Moodle Content Delivery and Management

**Creative**

Video Editing - Final Cut, Adobe Premier, Windows MovieMaker, Photostory

Image Editing- Adobe Photoshop

Audio Recording – audacity, tracxpc,

Comic Life

**Collaborative**

ClassSpot/TeamSpot (pilot version only)

**Discipline Specific Tools**

**Math**

Maple

Fathom

Minitab

Stella

Geogebra

FluidMath

**World Languages**

Learnosity

Wimba Voice Tools

Sanako

**Science**

Yenka

LoggerPro

Graphical Analysis

**History and English**

MatchWare and OpenMind

**Music**

Finale

Sibelius

**SKILLS Needed to make all tools accessible to users**

Managing Embeddable Widgets

Identifying best tool for job

Account Management

Managing Digital Footprint

File Management

Understanding Intellectual Property, Creative Commons Licensing and Copyright

**More Resources**

http://teachingcollegemath.com/?p=1498

<http://webtools4u2use.wikispaces.com/Finding+the+Right+Tool>

<http://www.onlinedegree.net/100-essential-2-0-tools-for-teachers/>

Digital StoryTelling Tools - <http://cogdogroo.wikispaces.com/StoryTools>